



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 6, 2015

Bert Volger, Ph.D.  
Regulatory Affairs Agent for AgroSource, Inc.  
1087 Heartsease Drive  
West Chester, PA 19382

Subject: Label Amendment – Addition of me-too uses  
Product Name: AGRI-SEED 50 WP  
EPA Registration Number: 80990-3  
Application Date: 02/05/2015  
Decision Number: 500532

Dear Mr. Volger:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Maryam K. Muhammad at 703-347-0301 or via email at [Muhammad.maryam@epa.gov](mailto:Muhammad.maryam@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be 'HJ' with a large loop at the bottom.

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# AGRI-SEED™ 50 WP

Fungicide/Bactericide  
Agricultural Streptomycin

MASTER LABEL

GROUP

25

FUNGICIDE

**Note to EPA:** This product will also be marketed as FireWall™ 50 WP for use on listed vegetable crops, tree fruit, ornamentals and row crops.

**Active Ingredient:**

Streptomycin Sulfate\* .....65.80%

**Other Ingredients:** .....34.20%

100.00%

\*Equivalent to 50% streptomycin

**KEEP OUT OF THE REACH OF CHILDREN**

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

**See Back Panel for Additional Precautionary Statements, First Aid and Directions for Use**

EPA Reg. No. 80990-3

EPA Est. No. 39578-TX-1

NET CONTENTS: 25 lbs. [Net Contents 2 lbs.]\*

\*Note to PM: additional container size

**ACCEPTED**

**05/06/2015**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 80990-3

**AgroSource, Inc.**  
P. O. Box 3091  
Tequesta, FL 33469

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and undamaged, and the purchase price will be refunded.

### FIRST AID

<b>If On Skin or Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If In Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact InfoTrac at 1-800-535-5053 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

#### Hazards To Humans & Domestic Animals

**CAUTION:** Avoid contact with skin, eyes or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. Do not breathe dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This material is not to be used for medical, veterinary or human purposes.

#### Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt
- long pants
- chemical-resistant gloves made of a waterproof material
- shoes plus socks
- protective eyewear
- MSHA/NIOSH approved particulate respirator with any N, R, P or HE filter, approval prefix TC-84-A.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### Environmental Hazards

This product may be hazardous to aquatic plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product by aircraft.

Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Application Restrictions: This product contains the antibiotic streptomycin. This material is not to be used for medical, veterinary or human purposes. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box apply to uses that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted-entry Interval (REI) of 12 hours.** Exception: Once seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear

## Seed Treatment Use – Control of Halo Blight in Beans (*Pseudomonas syringae* pv. *phaseolicola*)

MIXING INSTRUCTIONS				
Concentration Desired	Quantity AGRI-SEED™ 50 WP Per Volume of Water			
	1 pt.	1 qt.	1 gal.	5 gals.
1%	0.3 oz. (9.5g)	0.6 oz. (19.0 g)	2 2/3 oz.	13 1/3 oz.
2%	0.6 oz. (19.0 g)	1 1/3 oz. (38.0 g)	5 1/3 oz.	26 2/3 oz.
5%	1.5 oz. (47.5 g)	3.0 oz. (90.0 g)	13 1/3 oz.	66 2/3 oz.

The application range of AGRI-SEED™ 50 WP for beans is 0.17 to 0.87 oz. / cwt. of seed. For best protection, use the higher specified rate. AGRI-SEED™ 50 WP will dissolve in water. Slurry rates will vary with components and treating equipment. Apply using commercial mist, spray or other application equipment.

**Seed Bag Label Requirements:** The Federal Seed Act requires that containers containing treated seeds shall be labeled with the following statements:

- This seed has been treated with a fungicide containing streptomycin sulfate.
- Do not use treated seed for feed, food, or oil purposes.
- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

The U.S. Environmental Protection Agency requires the following statements on containers containing streptomycin sulfate treated seed:

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt, shoes, socks, chemical resistant gloves, and a NIOSH-approved respirator with an approval prefix TC-84-A when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.

After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.” Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

Additional information regarding use of AGRI-SEED™ 50 WP may be obtained from your local Agricultural Extension Agent or State Experimental Station.

**Resistance Management Information:** **AGRI-SEED™ 50 WP** fungicide/bactericide contains a Group 25 fungicide/bactericide. Fungal isolates/bacterial strains with acquired resistance to Group 25 may eventually dominate the fungal/bacterial population if Group 25 fungicides/bactericides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **AGRI-SEED™ 50 WP** fungicide/bactericide or other Group 25 products.

To delay fungicide/bactericide resistance consider:

- Avoiding the consecutive use of **AGRI-SEED™ 50 WP** fungicide/bactericide or other target site of action Group 25 fungicides/bactericides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicide/bactericides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide/bactericide use on a comprehensive IPM program.
- Monitoring treated fungal/bacterial populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide/bactericide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

**Crop Use Directions (Note to EPA: Uses listed below will be marketed under the Alternate Brand Name of FireWall™ 50 WP).**

**- Vegetable Crops**

<b>Crop</b>	<b>Disease (Pathogen)</b>	<b>Agri-Seed™ 50 WP Application Rate</b>	<b>Use Directions</b>	<b>Restrictions</b>
Celery* (Florida area)	Bacterial Blight ( <i>Pseudomonas cichorii</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse†</u> : Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6
Peppers*	Bacterial Spot ( <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse†</u> : Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6
Potatoes*	<ul style="list-style-type: none"> <li>• Soft Rot (<i>Erwinia carotovora</i> subsp. <i>atroseptica</i>)</li> <li>• Blackleg (<i>Erwinia carotovora</i> subsp. <i>carotovora</i>)</li> </ul>	0.68 oz. per 25 gal. (0.028 lbs. a.i.) drench solution	<u>Pre-Plant</u> : Soak cut seed pieces in solution for several minutes; plant as usual. NOTE: A suitable fungicide (such as Maxim® Potato Seed Protectant or Maxim® MZ Potato Seed Protectant) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	Do not retreat seed.
Tomatoes*	<ul style="list-style-type: none"> <li>• Bacterial Spot (<i>Xanthomonas campestris</i> pv <i>vesicatoria</i>)</li> <li>• Bacterial speck (<i>Pseudomonas syringae</i> pv <i>tomato</i>)</li> <li>• Bacterial canker (<i>Clavibacter michiganensis</i> pv <i>michiganensis</i>)</li> </ul>	<u>Greenhouse†</u> : 1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse†</u> : Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6



- Tree Fruit Crops

Crop	Disease ( <i>Pathogen</i> )	Agri-Seed™ 50 WP Application Rate	Use Directions	Restrictions
Apples*	Fire Blight ( <i>Erwinia amylovora</i> )	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom, according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage (“trauma blight”), spray within 24 hours after injury event.	Do not apply within 50 days of harvest. Minimum retreatment interval: 3 days. Maximum number of applications per year: 9
Apples (California)	Fire Blight ( <i>Erwinia amylovora</i> )	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at full bloom. Apply at petal fall and late secondary bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage (“trauma blight”), spray within 24 hours after injury event.	Do not apply within 50 days of harvest. Minimum retreatment interval: 5 days. Maximum number of applications per year: 9
Pears*	Fire Blight ( <i>Erwinia amylovora</i> )	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage (“trauma blight”), spray within 24 hours after injury event.	Do not apply within 30 days of harvest. Minimum retreatment interval: 3 days. Maximum number of applications per year: 9
Pears (California)	Fire Blight ( <i>Erwinia amylovora</i> )	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at 10% bloom until all late bloom is over according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage (“trauma blight”), spray within 24 hours after injury event.	Do not apply within 30 days of harvest. Minimum retreatment interval: 5 days. Maximum number of applications per year: 9

- Ornamentals

Crop	Disease (Pathogen)	Agri-Seed™ 50 WP Application Rate	Use Directions	Restrictions
Chrysanthemums*	Bacterial Wilt ( <i>Erwinia chrysanthemi</i> )	0.34 oz. per 25 gal. (0.014 lbs. a.i.) in drench solution	Soak plant cuttings in solution for 4 hours; plant as usual.	Do not retreat.
Dieffenbachia Cutting*	Bacterial Stem Rot ( <i>Erwinia chrysanthemi</i> , <i>Erwinia carotovora</i> pv <i>carotovora</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Soak cuttings in solution for 20 minutes. Plant cuttings in sterilized rooting medium.	Do not retreat.
		0.68 oz. per 25 gal. (0.028 lbs. a.i.) applied to 5,000 ft <sup>2</sup>	Apply as foliar application to check spread of stem rot in stock plants.	Minimum retreatment interval 5 days. Maximum number of applications per year: 6.
Philodendron*	Bacterial Leaf Rot ( <i>Xanthomonas campestris</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	Apply as foliar application at first signs of water- soaked areas on leaf. If disease has spread, remove all rotted leaves from plant before spraying.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6
Roses (New Jersey Area)*	Crown Gall ( <i>Agrobacterium</i> spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Remove infected plant. Cut out gall tissue. Soak the plant root system and cut surfaces of the infected area in solution for 15 minutes. Replant in soil free of the crown gall organism.	Do not retreat.
		0.34 oz. per 25 gal. (0.014 lbs. a.i.) applied to 3,000 ft <sup>2</sup>	Use 50 ppm in watering solution. Follow with foliar sprays.	Minimum retreatment interval: 7 days. Maximum number of applications per year: 6.

- Row Crops

Crop	Disease (Pathogen)	Agri-Seed™ 50 WP Application Rate	Use Directions	Restrictions
Tobacco*	Wildfire and Blue Mold ( <i>Peronospora tabacina</i> )	Before plants are set in the field:	Apply first spray when plants are in the 2-leaf stage or about the size of a dime or when blue mold first appears in the area. Repeat application until plants are set in the field. Additional protection may be obtained by spraying field plants.	Minimum retreatment interval: 5 days. Maximum number of applications per year: 4.
		<ul style="list-style-type: none"> <li>For preventative action: 0.68 oz./25 gal. (0.028 lbs. a.i.) applied to 5,000 ft.<sup>2</sup></li> <li>For curative action: 1.36 oz. /25 gal. (0.056 lbs. a.i.) applied to 5,000 ft.<sup>2</sup></li> </ul>		Minimum retreatment interval: 7 days. Maximum number of applications per year: 6
		After plants are set in field: 5.4 oz. (0.22 lbs. a.i.)/A	In locations where wild fire mold has been a problem in recent years or where applications have been delayed until the disease appears, a foliar spray of FireWall™ 50 WP resulting in 200 ppm (5.4 oz. per 100 gallons) is recommended.	Minimum retreatment interval: 7 days. Maximum number of applications per year: 6

- Residential Garden

Crop	Disease (Pathogen)	Agri-Seed™ 50 WP Application Rate	Use Directions	Restrictions
Apple Trees, Pear Trees, Pyracantha (Fire Thorn Bush) (CA)	Fire Blight ( <i>Erwinia amylovora</i> ) of the <i>Rosaceae</i>	0.68 oz. per 25 gal. (0.028 lbs. a.i.) applied to 3,000 ft <sup>2</sup>	Apply as foliar sprays beginning at start of blossoming period. Continue spray applications during bloom period. Post bloom, continue to apply when weather conditions favor spread of fire blight.	Minimum retreatment interval during bloom: 3 days. Minimum retreatment post-bloom: 5 days. Do not apply after fruit is visible. Maximum number of applications per year: 6  Residential garden users wear: <ul style="list-style-type: none"> <li>• Long-sleeved shirt</li> <li>• Long pants</li> <li>• Chemical resistant gloves made of a waterproof material</li> <li>• Shoes plus socks</li> <li>• Protective eyewear</li> <li>• NIOSH particulate respirator with an N, R or P, approval prefix TC-84-C.</li> </ul> Observe a restricted entry interval of 12 hours.

\* Except California

† Or similar type structure

Additional information regarding use of **AGRI-SEED™ 50 WP** fungicide/bactericide may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Use of **AGRI-SEED™ 50 WP** fungicide/bactericide may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears and apples.

#### Storage & Disposal

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Keep tightly closed and sealed. Product is moisture, temperature and light sensitive. Product is hygroscopic so protect from moisture. Store in a cool (77°F, 25°C), dry place away from heat and open flames with minimum exposure to the atmosphere. Avoid extremes in temperature.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal: Non-refillable container.** Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## **Conditions of Sale and Limitation of Warranty and Liability**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of AgroSource, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AgroSource, Inc. and Seller harmless for any claims relating to such factors.

AgroSource, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or AgroSource, Inc., and Buyer and User assume the risk of any such use. AGROSOURCE, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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